16dec05 12:53:37 User259284 Session D3436.2

DIALOG File 2: INSPEC 1898-2005/Dec W1
(c)   Institution of Electrical Engineers

Set	Items	Description
S1	2173	CI='SIH4'
S2	569	CI='SI2H6'
S3	11	SI2H6
S4	31	SIH4
S5	7812	SILAN?
S6	904	DISILAN?
S7	1286	SILYL?
S8	54	DISILYL?
S9	200	METHYLSILAN?
S10	27	METHYLSILYL?
S11	4	METHYLDISILYL?
S12	0	DIMETHYLDISILYL?
S13	57	DIMETHYLSILYL?
S14	84	DIMETHYLSILAN?
S15	0	METHYLDISILAN?
S16	5	DIMETHYLDISILAN?
S17	1	TRIMETHYLDISILAN?
S18	10	TETRAMETHYLDISILAN?
S19	4	PENTAMETHYLDISILAN?
S20	126	HEXAMETHYLDISILAN?
S21	2	HEXAMETHYLSILAN?
S22	0	PENTAMETHYLSILAN?
S23	541	TETRAMETHYLSILAN?
S24	137	TRIMETHYLSILAN?
S25	84	DIMETHYLSILAN?
S26	38	MONOMETHYLSILAN?
S27	0	MONOMETHYLDISILAN?
S28	11931	S1:S27
S29	5	S28 AND CI=RU EL
S30	2	S28 AND (RU OR RUTHENIUM)(1N)(COAT????? OR ELEMENTAL OR PU-RE OR LAYER???? OR DEPOSIT???? OR COAT???? OR REDUC???? OR FILM??)
S31	6	S29:S30
S32	0	S28 AND (RU OR RUTHENIUM)(2N)ADHE??????????
S33	0	S28 AND (RU OR RUTHENIUM)(5N)ADHE??????????
S34	0	S28 AND (RU OR RUTHENIUM)(8N)ADHE??????????
S35	18	(RU OR RUTHENIUM)(8N)ADHE??????????
S36	1	S30 AND CI=SI
S37	0	S30 AND CI=GE
S38	1	S30 AND SEMICOND??????????
S39	1	S36:S38

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SYSTEM:OS - DIALOG OneSearch
  File 23:CSA Technology Research Database 1963-2005/Dec
  File   2:INSPEC 1898-2005/Dec W1
  File   6:NTIS 1964-2005/Dec W1
  File   8:Ei Compendex(R) 1970-2005/Dec W1
  File 14:Mechanical and Transport Engineer Abstract 1966-2005/Dec
  File 25:Weldasearch-19662005/Nov (c) TWI Ltd
  File 31:World Surface Coatings Abs 1976-2005/Dec
  File 33:Aluminium Industry Abstracts 1966-2005/Dec
  File 34:SciSearch(R) Cited Ref Sci 1990-2005/Dec W2
  File 35:Dissertation Abs Online 1861-2005/Nov
  File 36:MetalBase 1965-20051215
  File 46:Corrosion Abstracts 1966-2005/Dec
  File 56:Computer and Information Systems Abstracts 1966-2005/Dec
  File 57:Electronics & Communications Abstracts 1966-2005/Dec
  File 60:ANTE: Abstracts in New Tech & ENGINEER 1966-2005/NOV
  File 61:Civil Engineering Abstracts. 1966-2005/Dec
  File 63:Transport Res(TRIS) 1970-2005/Nov
  File 64:Environmental Engineering Abstracts 1966-2005/Dec
  File 65:Inside Conferences 1993-2005/Dec W2
  File 68:Solid State & Superconductivity Abstracts 1966-2005/Dec
  File 81:MIRA - Motor Industry Research 2001-2005/Oct
  File 94:JICST-EPlus 1985-2005/Oct W2
  File 95:TEME-Technology & Management 1989-2005/Nov W1
  File 96:FLUIDEX 1972-2005/Dec
  File 99:Wilson Appl. Sci & Tech Abs 1983-2005/Oct
  File 103:Energy SciTec 1974-2005/Oct B2
  File 104:AeroBase 1999-2005/Nov
  File 118:ICONDA-Intl Construction 1976-2005/Oct
  File 134:Earthquake Engineering Abstracts 1966-2005/Dec
  File 144:Pascal 1973-2005/Dec W1
  File 239:Mathsci 1940-2005/Jan
  File 240:PAPERCHEM 1967-2005/Dec W2
  File 248:PIRA 1975-2005/Nov W4
  File 293:Engineered Materials Abstracts 1966-2005/Dec
  File 315:ChemEng & Biotec Abs 1970-2005/Dec
  File 323:RAPRA Rubber & Plastics 1972-2005/Nov
  File 335:Ceramic Abstracts/World Ceramics Abstracts 1966-2005/Dec
  File 434:SciSearch(R) Cited Ref Sci 1974-1989/Dec

Set   Items   Description
S1   274   (RU OR RUTHENIUM)(8N)ADHE??????????
S2   2062   (RU OR RUTHENIUM)(8N)INTERFAC???????
S3   456151   (OXIDE? ? OR SILICA OR SILICATE? ? OR SIO OR SIO2 OR DIOXIDE??)
(8N)(SURFACE?? OR ADHES????? OR ADHER????? OR INTERFAC?????)
S4   9645   (RU OR RUTHENIUM)(2N)(DEPOSIT???? OR COAT???? OR LAYER???? OR FILM??)
S5   11094   S1 OR S2 OR S4
S6   998   S5 AND S3
S7   7   S6 AND (SILAN? OR SILYL?)
S8   0   S6 AND (DISILAN? OR DISILYL?)
S9   0   S6 AND (SIH4 OR SI2H6)

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SYSTEM:OS - DIALOG OneSearch
  File 348:EUROPEAN PATENTS 1978-2005/Dec W02
        (c) European Patent Office
  File 349:PCT FULLTEXT 1979-2005/UB=20051208,UT=20051201
        (c) WIPO/Univentio

Set	Items	Description
S1	43843	IC=H01L-021?
S2	378	S1 AND (RU OR RUTHENIUM)/TI,AB,CM
S3	1230	S1 AND (SILAN? OR DISILAN? OR SIH4 OR SI2H6)/TI,AB,CM
S4	1185	S1 AND (SILANE? OR DISILANE? OR SIH4 OR SI2H6)/TI,AB,CM
S5	19	S2 AND S3:S4
S6	258	S2 AND (SIO OR SIO2 OR SILICA????? OR OXIDE?? OR DIOXID???-)/TI,AB,CM
S7	14	5AND6
S8	13	S7 AND (INTERFAC???? OR SURFAC??? OR TREAT???? OR ADHES???- ?? OR ADHER?????)/TI,AB,CM
S9	14	S7:S8

CAS/STN plurals and abbreviations are turned on.

CAS/STN FILE 'HCAPLUS' ENTERED AT 11:06:45 ON 16 DEC 2005

L1	1 S	(US2003-418411/PRN OR US2003-418411/AP)
L2		SEL PLU=ON L1 1- IC NCL INCL : 8 TERMS

FILE 'REGISTRY' ENTERED AT 11:07:40 ON 16 DEC 2005

L3	1 S	SILANE/CN
L4	1 S	DISILANE/CN
L5	343 S	(SILANE OR DISILANE) AND (H SI/ELF OR H.SI/MF)
L6	10 S	(SILANE OR DISILANE) AND (D SI/ELF OR
L7	171575 S	(SILANE OR DISILANE)
L8	21 S	L7 AND (D H SI/ELF OR D.H.SI/MF)
L9	1 S	L7 AND (SI T/ELF OR SI.T/MF)
L10	3 S	L7 AND (D SI T/ELF OR D.SI.T/MF)
L11	4 S	L7 AND (H SI T/ELF OR H.SI.T/MF)
L12	0 S	L7 AND (D H SI T/ELF OR D.H.SI.T/MF)
L13	630447 S	(SILYL? OR SILANE? OR DISILANE? OR DISILYL?) AND (METHYL OR METHAN?)
L14	145533 S	L7 AND METHYL
L15	787 S	L7 AND METHANE
L16	290 S	DISILYL? AND (METHYL? OR METHANE?)
L17	3980 S	DISILANE? AND (METHYL? OR METHANE?)
L18	146201 S	(L3 OR L4 OR L5 OR L6) OR (L8 OR L9 OR L10 OR L11) OR (L14 OR L15 OR L16 OR L17)
L19	34129 S	(SI OR GE)/ELS,MAC AND OXIDE
L20	7165 S	SILICA
L21	25836 S	SILICATE
L22	3634 S	GERMANATE
L23	22414 S	GE O/ELF OR GE.O/MF OR O SI/ELF OR O.SI/MF

FILE 'HCAPLUS' ENTERED AT 11:21:05 ON 16 DEC 2005

L24	2014 S	SEMICONDUCT###### OXIDE
L25	8176 S	SEMICONDUCT######/TI AND OXIDE/TI
L26	670 S	L24 AND L25
L27		SEL PLU=ON L26 1- RN : 849 TERMS

FILE 'REGISTRY' ENTERED AT 11:22:09 ON 16 DEC 2005

L28	849 S	L27
L29	412 S	L28 AND OXIDE
L30	58322 S	(L19 OR L20 OR L21 OR L22 OR L23) OR L29
L31	1 S	RUTHENIUM/CN
L32	7303 S	RU/ELS,MAC AND ALLOY?
L33	890 S	L32 AND RU>50/MAC

FILE 'HCAPLUS' ENTERED AT 11:24:48 ON 16 DEC 2005

L34	35633 S	L33 OR L31 OR (PURE OR ELEMENTAL)(W)(RU OR RUTHENIUM)
L35	1404 S	METAL#####(A)(RU OR RUTHENIUM)
L36	927 S	(RU OR RUTHENIUM)(W)(LAYER OR FILM OR OVERLAYER OR CAP OR FILM OR COAT#####)
L37	1155 S	(RU OR RUTHENIUM)(2A)(DEPOSIT##### OR CVD OR ALD OR PECVD)
L38	36694 S	(L34 OR L35 OR L36 OR L37)
L39	12984 S	L38 AND (L24 OR L30)
L40	185 S	L39 AND (L18 OR SIH4 OR SI2H6 OR METHYLSILANE OR SILYLMETHANE OR METHYLDISILANE OR DISILYLMETHANE)
L41	20 S	L39 AND (?DISILANE? OR ?SILANE? OR ?DISILYL? OR ?SILYL?)(2A)(?METHANE? OR METHYL?)
L42	11 S	L39 AND (?DISILANE? OR ?SILANE? OR ?DISILYL? OR ?SILYL?)(2A)DIMETHYL?
L43	6 S	L39 AND (?DISILANE? OR ?SILANE? OR ?DISILYL? OR ?SILYL?)(2A)TRIMETHYL?
L44	0 S	L39 AND (?DISILANE? OR ?SILANE? OR ?DISILYL? OR ?SILYL?)(2A)BIMETHYL?
L45	2 S	L39 AND (?DISILANE? OR ?SILANE? OR ?DISILYL? OR ?SILYL?)(2A)TETRAMETHYL?
L46	1 S	L39 AND (?DISILANE? OR ?SILANE? OR ?DISILYL? OR ?SILYL?)(2A)PENTAMETHYL?
L47	1 S	L39 AND (?DISILANE? OR ?SILANE? OR ?DISILYL? OR ?SILYL?)(2A)HEXAMETHYL?
L48	0 S	L39 AND (?DISILANE? OR ?SILANE? OR ?DISILYL? OR ?SILYL?)(2A)PERMETHYL?
L49	0 S	L39 AND (?DISILANE? OR ?SILANE? OR ?DISILYL? OR ?SILYL?)(2A)MONOMETHYL?
L50	0 S	L39 AND (?DISILANE? OR ?SILANE? OR ?DISILYL? OR ?SILYL?)(2A)MONOMETHANE?
L51	0 S	L39 AND (?DISILANE? OR ?SILANE? OR ?DISILYL? OR ?SILYL?)(2A)PERMETHANE?
L52	0 S	L39 AND (?DISILANE? OR ?SILANE? OR ?DISILYL? OR ?SILYL?)(2A)DIMETHANE?
L53	0 S	L39 AND (?DISILANE? OR ?SILANE? OR ?DISILYL? OR ?SILYL?)(2A)TRIMETHANE?
L54	0 S	L39 AND (?DISILANE? OR ?SILANE? OR ?DISILYL? OR ?SILYL?)(2A)TETRAMETHANE?

```
         FILE 'HCAPLUS' ENTERED AT 11:24:48 ON 16 DEC 2005
L55          0 S  L39 AND (?DISILANE? OR ?SILANE? OR ?DISILYL? OR ?SILYL?)(2A)PENTAMETHANE?
L56          0 S  L39 AND (?DISILANE? OR ?SILANE? OR ?DISILYL? OR ?SILYL?)(2A)HEXAMETHANE?
L57        189 S  (L40 OR L41 OR L42 OR L43 OR L44 OR L45 OR L46 OR L47)
L58          1 S  L57 AND (OXIDE OR SIO OR SIO2 OR DIOXIDE OR GEO##)(3A)EXPOS##########
L59          3 S  L57 AND (OXIDE OR SIO OR SIO2 OR DIOXIDE OR GEO##)(3A)TREAT##########
L60          0 S  L57 AND (OXIDE OR SIO OR SIO2 OR DIOXIDE OR GEO##)(3A)AFTER
L61          0 S  L57 AND (OXIDE OR SIO OR SIO2 OR DIOXIDE OR GEO##)(3A)FOLLOW#########
L62          0 S  L57 AND (OXIDE OR SIO OR SIO2 OR DIOXIDE OR GEO##)(3A)SUBSEQUENT#######
L63          1 S  L57 AND (OXIDE OR SIO OR SIO2 OR DIOXIDE OR GEO##)(3A)"STEP"
L64       7812 S  L2
L65          7 S  L64 AND L57
L66         11 S  (L58 OR L59 OR L60 OR L61 OR L62 OR L63) OR L65
```

```
         FILE 'STNGUIDE' ENTERED AT 11:38:34 ON 16 DEC 2005
```

```
         FILE 'HCAPLUS' ENTERED AT 11:43:27 ON 16 DEC 2005
L67      87269 S  SURFACE(3A)TREAT#####
L68      29747 S  SURFACE(3A)GAS#######
L69      11322 S  SURFACE(3A)VAPOR#########
L70         28 S  SURFACE(3A)VAPOUR#########
L71       8388 S  SURFACE(3A)ANNEAL#########
L72      93864 S  SURFACE(3A)(RTP OR RTA OR HEAT##### OR EXPOS#### OR THERMAL#####)
L73       7382 S  SURFACE(3A)?SILANE?
L74          2 S  L57 AND L73
L75          5 S  L57 AND (L67 OR L68 OR L69 OR L70 OR L71 OR L72)
L76          6 S  (L74 OR L75)
L77          4 S  L76 NOT L66
```

```
         FILE 'STNGUIDE' ENTERED AT 11:45:49 ON 16 DEC 2005
```

```
         FILE 'HCAPLUS' ENTERED AT 11:48:49 ON 16 DEC 2005
L78     199175 S  (FORM##### OR DEPOSIT#####)(2A)(OXIDE OR DIOXIDE OR SILICA OR SILICATE OR SIO OR
SIO2)
L79     104074 S  (SURFACE OR TREAT#####)(2A)(OXIDE OR DIOXIDE OR SILICA OR SILICATE OR SIO OR SIO2)
L80      28946 S  (OXIDIZ? OR REOXID? OR OXIDIS? OR OXIDAT?
                   OR OXIDED OR OXIDI?)(3A)(SI OR SILICON OR GE OR GERMANIUM OR SEMICOND######)
L81         22 S  L57 AND L78
L82          7 S  L57 AND L79
L83          0 S  L57 AND L80
L84         21 S  (L81 OR L82) NOT (L77 OR L66)
L85          6 S  L84 AND (RU OR RUTHENIUM)/TI,AB
L86          0 S  L84 AND (SILANE? OR DISILANE?)/TI,AB
L87          0 S  L84 AND SIH4/TI,AB
L88          0 S  L84 AND SI2H6/TI,AB
```

```
         FILE 'STNGUIDE' ENTERED AT 11:53:27 ON 16 DEC 2005
```

```
         FILE 'HCAPLUS' ENTERED AT 11:56:52 ON 16 DEC 2005
L89      16864 S  (RU OR RUTHENIUM)(7A)(OXIDE OR DIOXIDE OR SILICA OR SIO OR SIO2 OR SILICATE)
L90        619 S  (RU OR RUTHENIUM)(7A)(?SILANE? OR ?DISILANE? OR ?SIH4? OR ?SI2H6?)
L91      24962 S  ((OXIDE OR DIOXIDE OR SILICA OR SIO OR
                   SIO2 OR SILICATE)(7A)(?SILANE? OR ?DISILANE? OR ?SIH4? OR ?SI2H6?))
L92         40 S  L57 AND L89
L93         20 S  L57 AND L90
L94         32 S  L57 AND L91
L95         61 S  (L92 OR L93 OR L94)
L96         53 S  L95 NOT (L85 OR L77 OR L66)
L97          8 S  L96 AND L92 AND L93
L98         17 S  L96 AND L92 AND L94
L99          8 S  L96 AND L93 AND L94
L100         6 S  L97 AND L98 AND L99
```

```
         FILE 'STNGUIDE' ENTERED AT 11:59:52 ON 16 DEC 2005
```

FILE 'HCAPLUS' ENTERED AT 12:01:20 ON 16 DEC 2005
```
L101        47 S  L96 NOT L100
L102         4 S  L101 AND SEMICONDUCT##########/TI,AB
```

FILE 'STNGUIDE' ENTERED AT 12:01:48 ON 16 DEC 2005

FILE 'HCAPLUS' ENTERED AT 12:03:45 ON 16 DEC 2005
```
L103       687 S  (RU OR RUTHENIUM)(W)(LAYER OR FILM)
L104    136364 S  (OXIDE OR DIOXIDE OR SIO OR SIO2 OR SILICA OR SILICATE)(W)(LAYER OR FILM)
L105       158 S  L57 NOT  (L85 OR L77 OR L66 OR L100 OR L102)
L106         0 S  L103 AND L105
L107         5 S  L104 AND L105
```

FILE 'STNGUIDE' ENTERED AT 12:06:20 ON 16 DEC 2005

FILE 'HCAPLUS' ENTERED AT 12:08:36 ON 16 DEC 2005
```
L108      2643 S  (RU OR RUTHENIUM)(5A)(SILICA OR SILICATE
                  OR SIO OR SIO2 OR SEMICONDUCT########)
L109     17709 S  (?SILANE? OR ?DISILANE?)(5A)(SILICA OR
                  SILICATE OR SIO OR SIO2 OR SEMICONDUCT########)
L110       534 S  (?SILANE? OR ?DISILANE?)(5A)(RU OR
                  RUTHENIUM)
L111        49 S  L108 AND L109
L112        35 S  L108 AND L110
L113        22 S  L109 AND L110
L114        72 S  (L111 OR L112 OR L113) NOT  (L85 OR L77 OR L66 OR L100 OR L102 OR L107)
L115         9 S  L114 AND L57
L116        10 S  L114 AND SEMICONDUCT##########
L117        16 S  (L115 OR L116)
```

FILE 'STNGUIDE' ENTERED AT 12:10:40 ON 16 DEC 2005

FILE 'HCAPLUS' ENTERED AT 12:16:02 ON 16 DEC 2005
```
L118       101 S  ADHE#########(3A)(RU OR RUTHENIUM)
L119         2 S  L57 AND L118
L120     68686 S  OXIDE(4A)SURFACE
L121     30842 S  OXIDE(4A)TREAT#######
L122     94343 S  TREAT#######(4A)SURFACE
L123      5934 S  L120 AND (L121 OR L122)
L124      3388 S  L121 AND L122
L125      2292 S  L123 AND L124
L126         2 S  L57 AND L125
L127         1 S  L126 NOT  L119
```

FILE 'STNGUIDE' ENTERED AT 12:18:54 ON 16 DEC 2005

FILE 'HCAPLUS' ENTERED AT 12:20:50 ON 16 DEC 2005
```
L128    165813 S  (OXIDE OR SILICA OR SILICATE OR SIO OR
                  SIO2)(W)(FILM OR LAYER OR SURFACE OR INTERFACE OR ADHE#########)
L129      1558 S  (RU OR RUTHENIUM)(W)(FILM OR LAYER OR
                  SURFACE OR INTERFACE OR ADHE########)
L130       122 S  L128 AND L129
L131       119 S  (L34 OR L35 OR L36 OR L37 OR L38 OR L39 OR L40 OR L41 OR L42 OR L43 OR L44 OR L45
OR L46 OR L47 OR L48 OR L49 OR L50 OR L51 OR L52 OR L53 OR L54 OR L55 OR L56 OR L57 OR L58 OR L59 OR
L60 OR L61 OR L62 OR L63 OR L64) AND L130
L132         7 S  (L71 OR L72 OR L73) AND L130
L133        77 S  (L78 OR L79 OR L80) AND L130
L134       122 S  (L131 OR L132 OR L133)
L135         3 S  L119 OR L127
L136        19 S  L117 OR L135
L137        16 S  L136 NOT  (L85 OR L77 OR L66 OR L100 OR L102 OR L107)
L138         2 S  L137 AND ?SIH4?
L139         2 S  L137 AND ?SI2H6?
L140         1 S  L137 AND ?SILYL?
L141        16 S  L137 AND ?SILAN?
L142        16 S  (L138 OR L139 OR L140 OR L141)
L143         2 S  L142 AND ADHE#########
L144         0 S  L142 AND (RU OR RUTHENIUM)(W)(METAL##### OR FILM OR LAYER### OR COAT##### OR
DEPOSIT####)
```

```
         FILE 'HCAPLUS' ENTERED AT 12:20:50 ON 16 DEC 2005
L145            4 S   L142 AND (RU OR RUTHENIUM)/AB
L146            2 S   L142 AND (RU OR RUTHENIUM)/ST
L147            1 S   L142 AND (RU OR RUTHENIUM)/TI
L148           16 S   L142 AND (RU OR RUTHENIUM)/IT
L149           16 S   (L145 OR L146 OR L147 OR L148)

         FILE 'STNGUIDE' ENTERED AT 12:26:01 ON 16 DEC 2005

         FILE 'HCAPLUS' ENTERED AT 12:29:54 ON 16 DEC 2005
L150            1 S   (RU OR RUTHENIUM)(W)COATED(W)(OXIDE OR SILICA OR SILICATE OR SIO OR SI DIOXIDE OR
SEMICONDUCT###### OR SILICON)

         FILE 'STNGUIDE' ENTERED AT 12:30:02 ON 16 DEC 2005

         FILE 'HCAPLUS' ENTERED AT 12:32:15 ON 16 DEC 2005
L151           88 S   L64 AND (L38 OR L118 OR L129) AND L128
L152            5 S   L151 AND (L18 OR ?SILAN? OR ?SILYL?)

         FILE 'STNGUIDE' ENTERED AT 12:34:16 ON 16 DEC 2005

         FILE 'HCAPLUS' ENTERED AT 12:40:40 ON 16 DEC 2005
L153            5 S   L152 AND (L31 OR L32)

         FILE 'STNGUIDE' ENTERED AT 12:40:55 ON 16 DEC 2005

         FILE 'DPCI' ENTERED AT 12:42:58 ON 16 DEC 2005
L154            2 S   US 6737313/PN.D
L155              SEL PLU=ON  L154 1- PRN :      2 TERMS
L156           20 S   US 6737313/PN.G
L157            2 S   L155
L158              SEL PLU=ON  L157 1- PN.D :     39 TERMS
L159          235 S   L158
L160          249 S   L156 OR L157 OR L159
L161              SEL PLU=ON  L160 1- PRN :      396 TERMS

         FILE 'WPIX, JAPIO, HCAPLUS' ENTERED AT 12:44:29 ON 16 DEC 2005
L162          685 S   L161
L163           44 S   L162 AND (RU OR RUTHENIUM)(W)(METAL#### OR FILM OR LAYER)
L164            5 S   L163 AND (?SILAN? OR ?SILYL? OR ?SIH4? OR ?SI2H6?)
```

```
        CAS/STN FILE 'REGISTRY' ENTERED AT 14:19:00 ON 16 DEC 2005
L1        4824  S    RU/ELS,MAC AND SI/ELS,MAC
L2        2690  S    L1 NOT (OXIDE OR O/ELS,MAC OR SILICATE OR SILICA)
L3      171575  S    SILANE OR DISILANE
L4      145533  S    L3 AND METHYL
L5         343  S    L3 AND H SI/ELF
L6           1  S    L3 AND H SI/MF
L7      145869  S    (L4 OR L5 OR L6)

        FILE 'HCAPLUS' ENTERED AT 14:21:40 ON 16 DEC 2005
L8         240  S    L2 AND L7
L9         128  S    L2 AND (?SILANE?)
L10        258  S    (L8 OR L9)
L11         11  S    L10 AND (ADHES######## OR ADHER####### OR
                     INTERFAC######## OR SURFACE)

        FILE 'REGISTRY' ENTERED AT 14:27:14 ON 16 DEC 2005
L12      47218  S    SILICA### OR SI/ELS,MAC AND OXIDE

        FILE 'HCAPLUS' ENTERED AT 14:27:35 ON 16 DEC 2005
L13         10  S    L10 AND L12
L14          9  S    L13 NOT L11

        FILE 'REGISTRY' ENTERED AT 14:32:38 ON 16 DEC 2005
L15        628  S    L1 AND SILANE
L16       2425  S    L1 AND SILYL
L17       2605  S    (L15 OR L16)
L18     693074  S    SILICA##### OR (SI/ELS,MAC AND (O/ELS,MAC OR OXIDE))
L19        386  S    L18 AND O.SI/MF
L20          2  S    L18 AND O.RU.SI/MF
L21        408  S    L18 AND N.O.SI/MF
L22        429  S    L18 AND N O SI/ELF
L23          4  S    L18 AND O RU SI/ELF
L24       7165  S    L18 AND SILICA
L25      25836  S    L18 AND SILICATE

        FILE 'HCAPLUS' ENTERED AT 14:36:53 ON 16 DEC 2005
L26        250  S    L10 AND L17
L27          3  S    L10 AND (L19 OR L20 OR L21 OR L22 OR L23 OR L24 OR L25)
L28        231  S    L26 NOT (L27 OR L14 OR L11)
L29        175  S    L28 NOT CATAL##########
L30         34  S    L29 AND TREAT#######
L31         89  S    L29 AND FORM#########
L32          0  S    L29 AND (ADHES###### OR ADHER######)
L33          0  S    L29 AND SURFACE
L34          0  S    L29 AND INTERFAC#######
L35          0  S    L29 AND H01L?/IC
L36          0  S    L29 AND 438?/NCL
L37          0  S    L29 AND 257?/NCL
L38          0  S    L29 AND 716?/NCL
L39          0  S    L29 AND 148?/NCL
L40          0  S    L29 AND SEMICONDUCT###########
L41          1  S    L29 AND ELECTRONICS
L42          0  S    L29 AND MICROELEC?
L43          0  S    L29 AND TRANSISTOR
L44          0  S    L29 AND THIN FILM
L45          0  S    L29 AND TFT

        FILE 'STNGUIDE' ENTERED AT 14:41:38 ON 16 DEC 2005

        FILE 'HCAPLUS' ENTERED AT 14:42:45 ON 16 DEC 2005
L46         71  S    (RU OR RUTHENIUM OR OXIDE OR SILANE OR DISILANE)/TI AND (L30 OR L31)
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